

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026327.D
 Acq On : 15 Feb 2019 13:32
 Operator : SY/MD
 Sample : K1488-20
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXF7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.795	13	19	42	rVB	2570542	10166263	100.00%	23.145%
2	1.989	45	51	72	rVV	591659	1974481	19.42%	4.495%
3	2.166	72	80	110	rVB2	608125	2486672	24.46%	5.661%
4	2.622	147	155	165	rBV	123639	315284	3.10%	0.718%
5	2.725	165	172	177	rBV3	101788	286130	2.81%	0.651%
6	3.048	219	225	236	rVB3	75823	198277	1.95%	0.451%
7	3.601	306	316	332	rBV2	348580	1140071	11.21%	2.596%
8	4.490	448	462	479	rVB4	73025	305488	3.00%	0.695%
9	4.879	515	526	542	rBV2	233694	744338	7.32%	1.695%
10	6.473	781	788	799	rVB2	43240	127400	1.25%	0.290%
11	6.589	799	807	811	rBV	79957	220248	2.17%	0.501%
12	6.674	811	821	844	rVB	2906068	8025425	78.94%	18.271%
13	7.197	898	907	917	rBV	332642	843323	8.30%	1.920%
14	7.519	951	960	970	rBV3	79718	239790	2.36%	0.546%
15	7.854	998	1015	1032	rBV2	715889	1972613	19.40%	4.491%
16	8.456	1106	1114	1126	rBV	814891	1500280	14.76%	3.416%
17	8.706	1147	1155	1165	rBV	999792	1834451	18.04%	4.176%
18	8.894	1177	1186	1193	rBV	412174	823757	8.10%	1.875%
19	9.679	1308	1315	1324	rBV	148727	263996	2.60%	0.601%
20	9.971	1355	1363	1372	rBV	1135050	1778524	17.49%	4.049%
21	10.233	1401	1406	1414	rBV	82864	134386	1.32%	0.306%
22	10.512	1442	1452	1459	rBV	2955475	4520247	44.46%	10.291%
23	10.592	1459	1465	1476	rVB	404803	660023	6.49%	1.503%
24	11.285	1571	1579	1588	rBV	1022277	1517764	14.93%	3.455%
25	12.362	1751	1756	1765	rVB	139981	206990	2.04%	0.471%
26	13.226	1891	1898	1907	rBV	616739	895733	8.81%	2.039%
27	13.512	1940	1945	1952	rBV	516048	742149	7.30%	1.690%

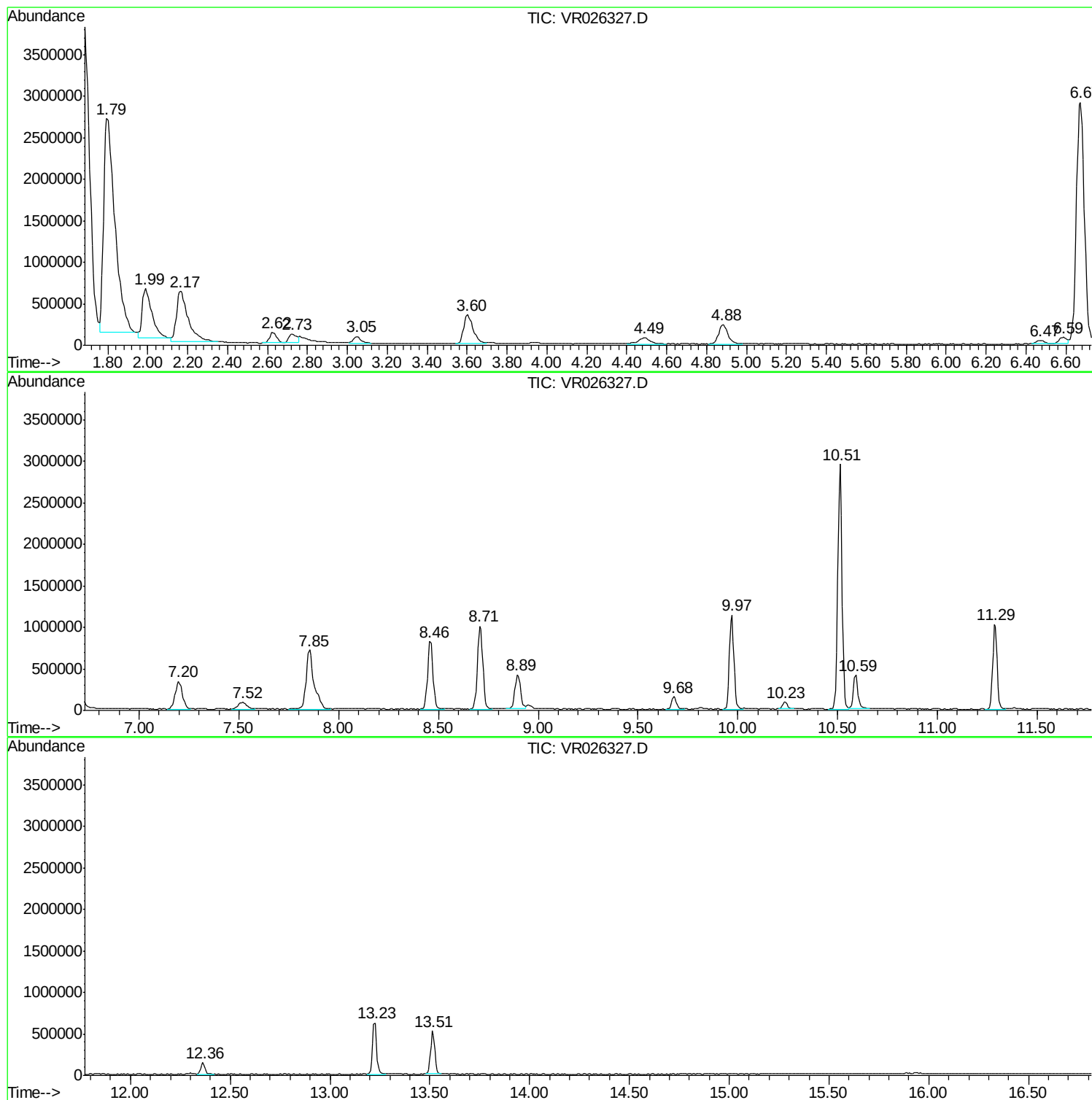
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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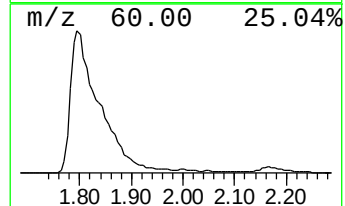
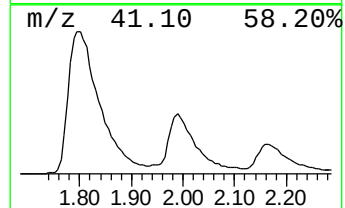
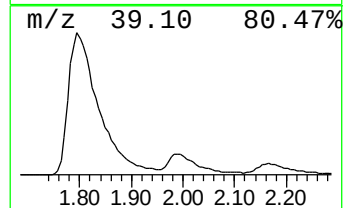
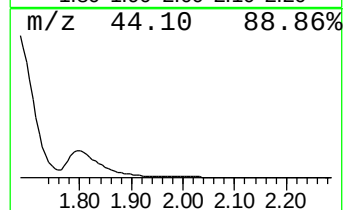
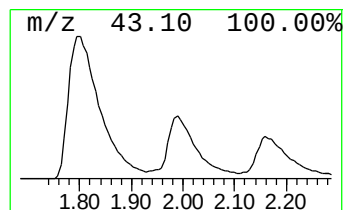
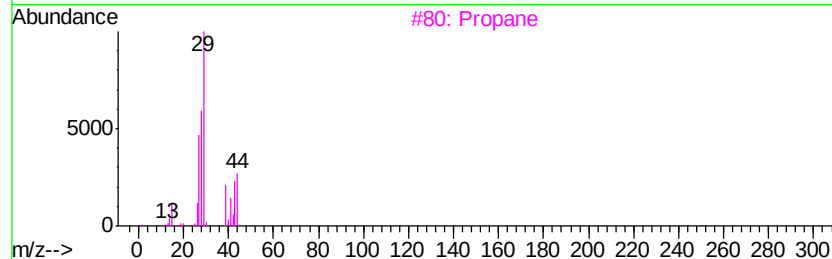
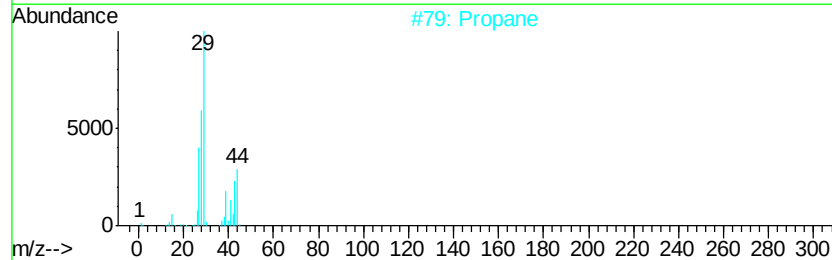
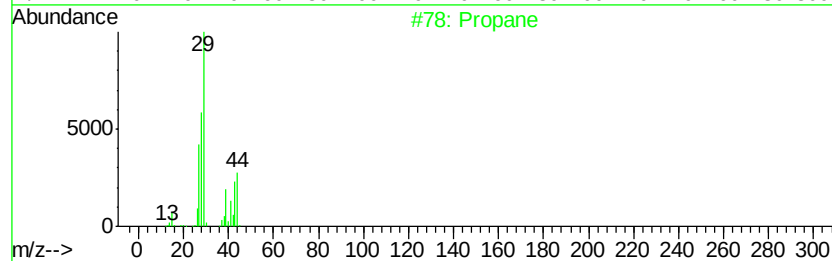
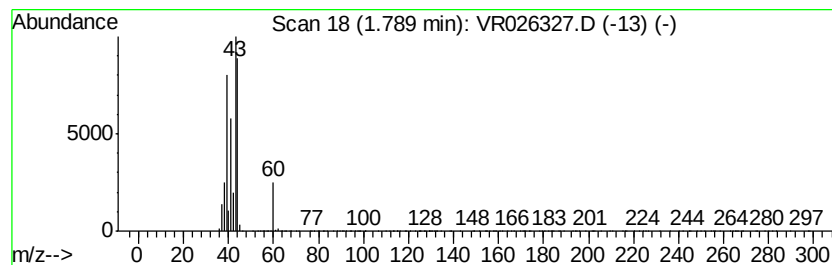
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	33.88 ug/L	10166300	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	83
2		Propane	44	C3H8	000074-98-6	12
3		Propane	44	C3H8	000074-98-6	9
4		Propene	42	C3H6	000115-07-1	9
5		Acetaldehyde	44	C2H4O	000075-07-0	5



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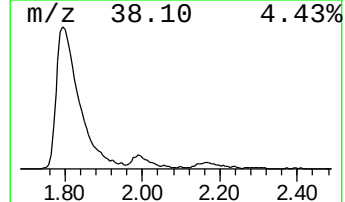
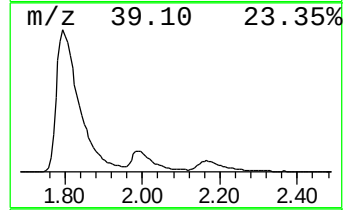
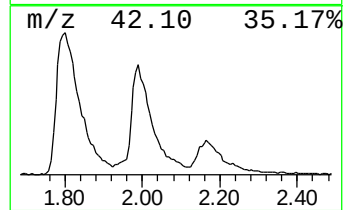
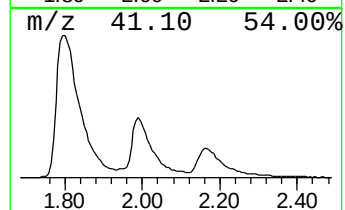
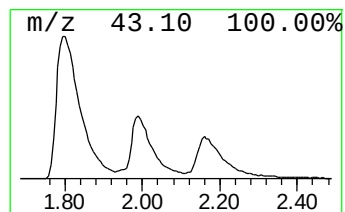
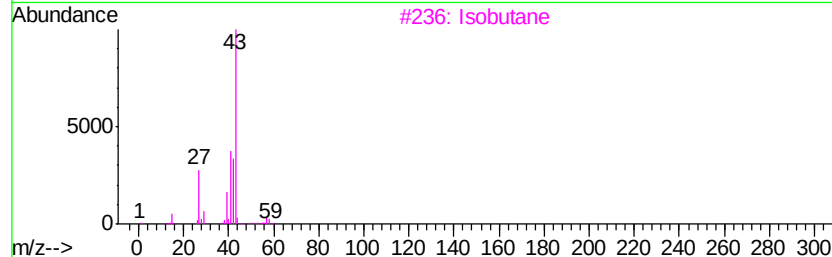
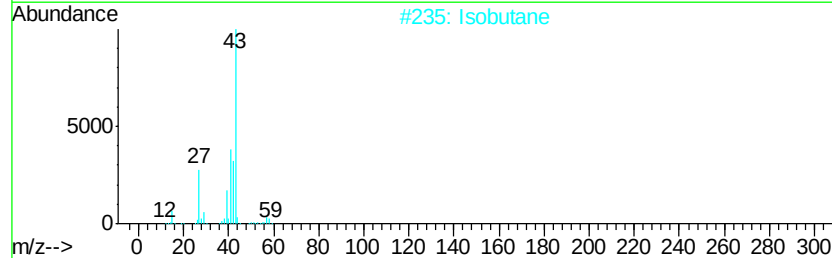
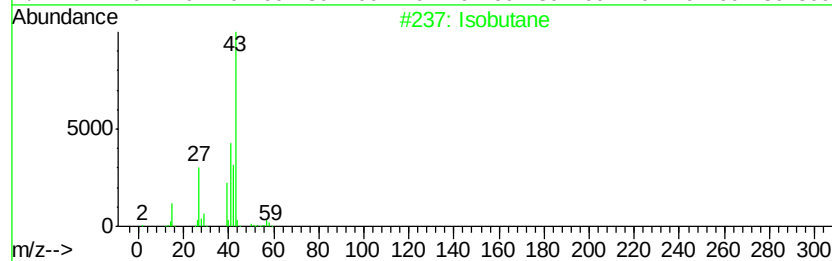
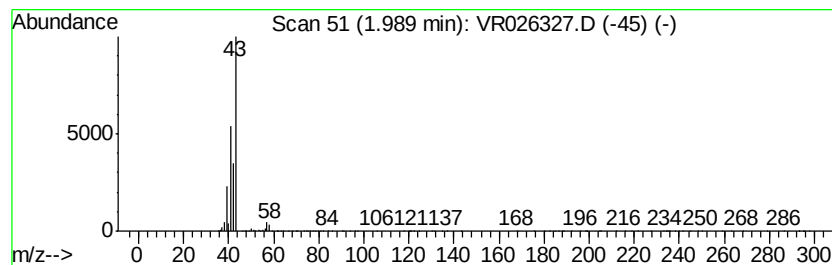
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	6.58 ug/L	1974480	1,4-Difluorobenzene	8.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	64
2			Isobutane	58	C4H10	000075-28-5	64
3			Isobutane	58	C4H10	000075-28-5	64
4			Isobutane	58	C4H10	000075-28-5	53
5			Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9



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Instrument :
MSVOA_R
ClientSampleId :
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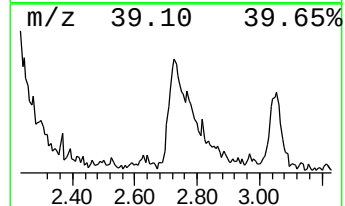
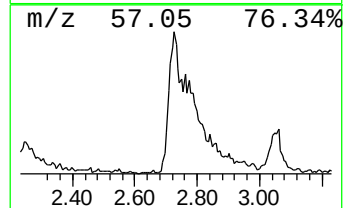
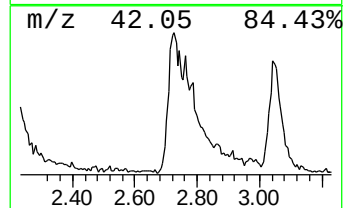
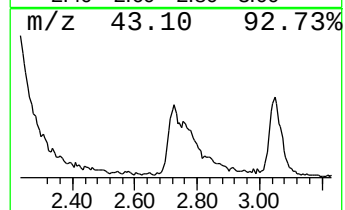
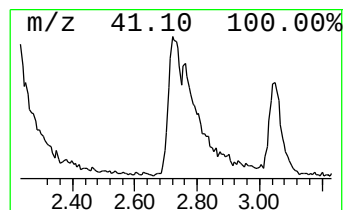
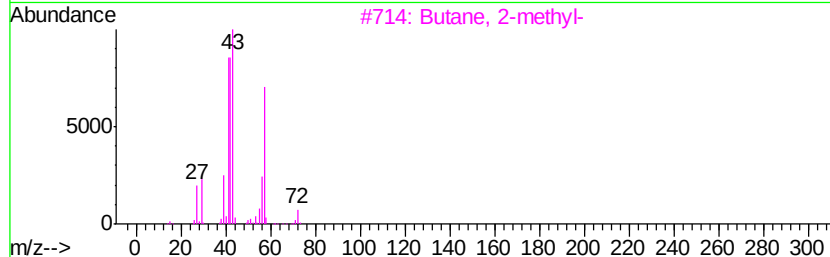
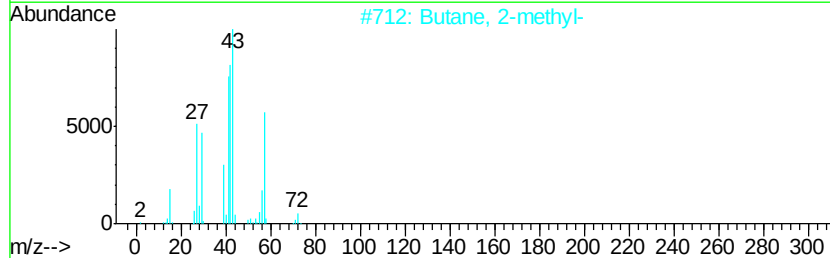
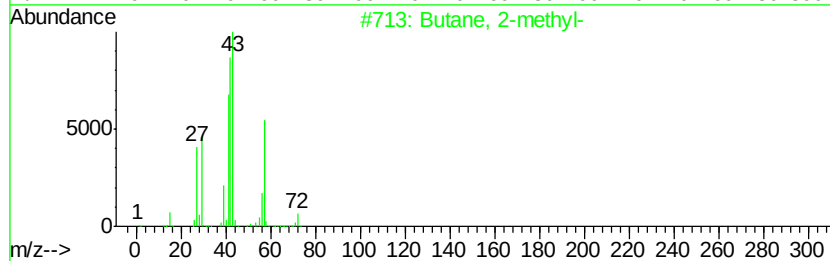
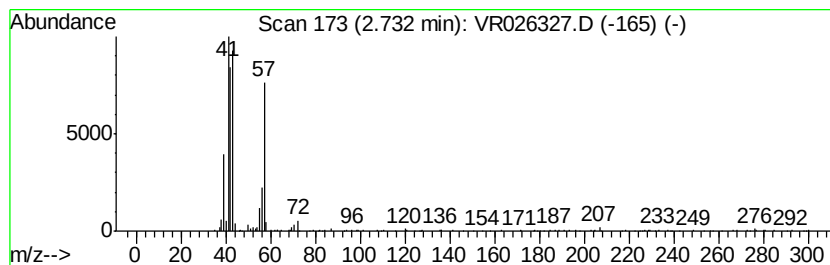
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	0.95 ug/L	286130	1,4-Difluorobenzene	8.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	72
2			Butane, 2-methyl-	72	C5H12	000078-78-4	64
3			Butane, 2-methyl-	72	C5H12	000078-78-4	53
4			4,4-Dimethyl-3-oxopentanenitrile	125	C7H11NO	059997-51-2	12
5			Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10



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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampled :
ESXF7

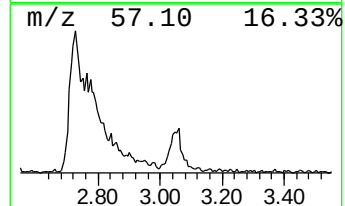
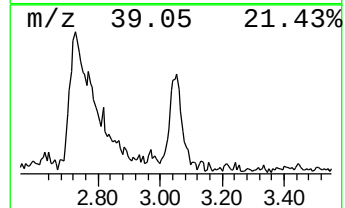
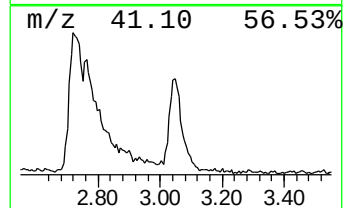
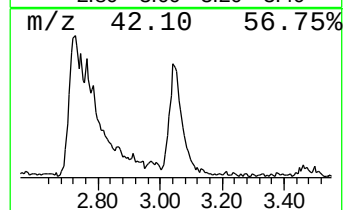
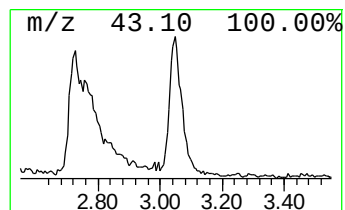
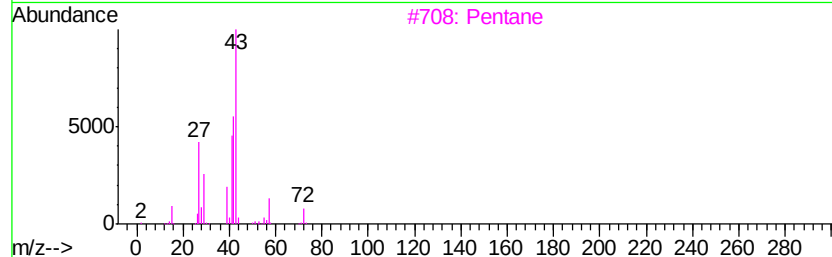
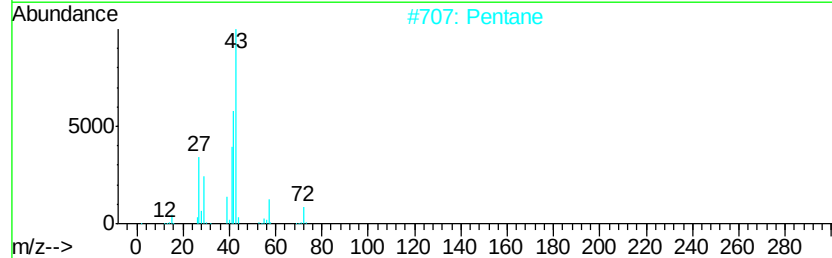
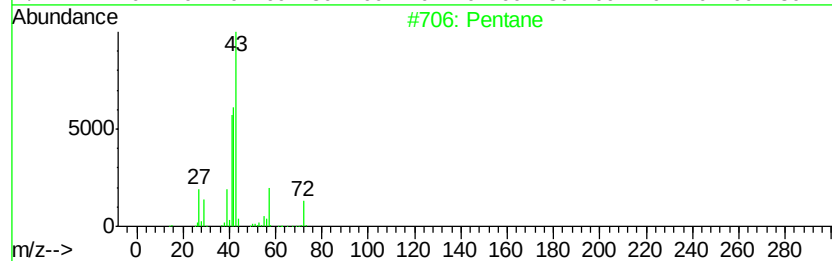
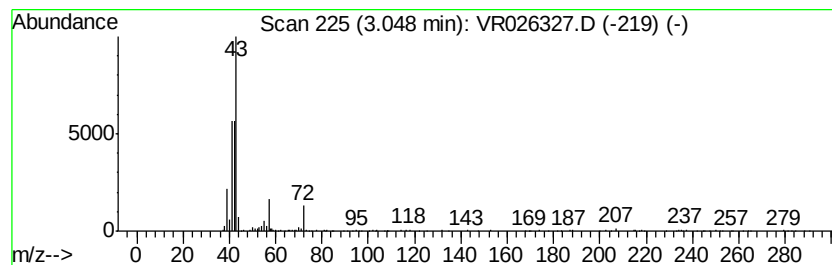
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	0.66 ug/L	198277	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	83
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	80
4		Pentane	72	C5H12	000109-66-0	53
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	47



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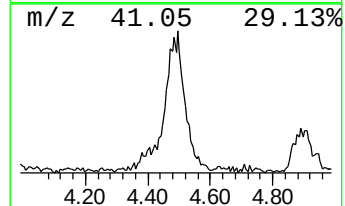
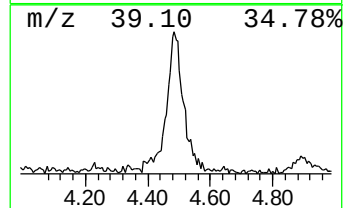
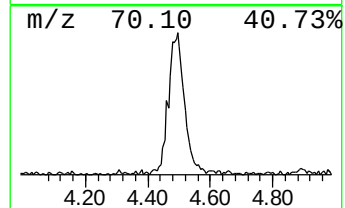
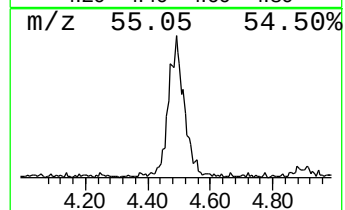
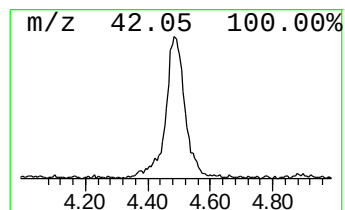
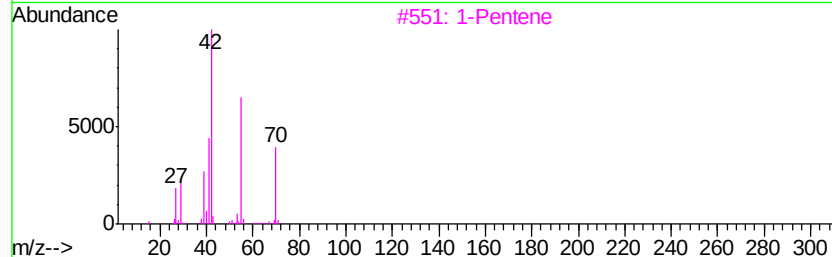
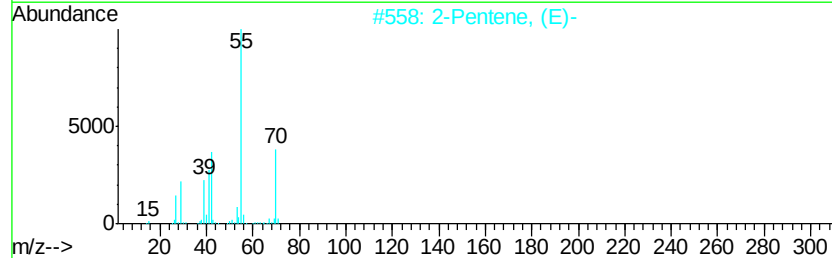
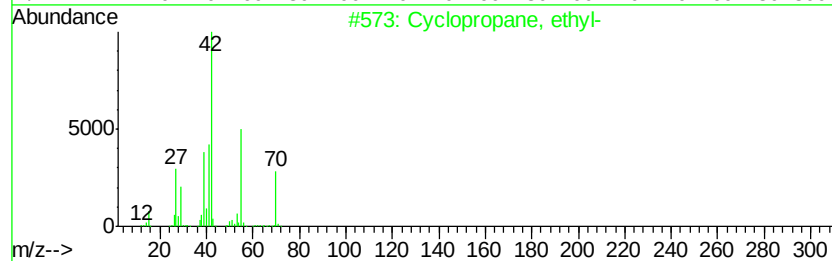
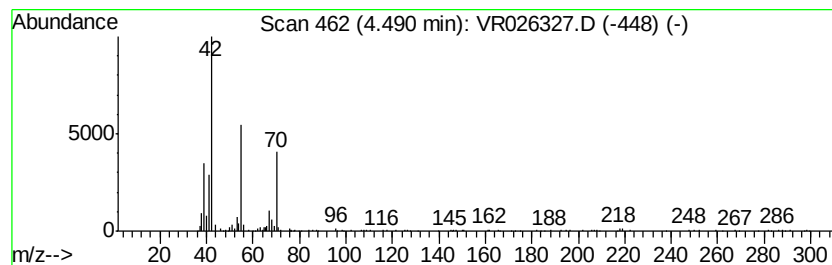
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic4.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	1.02 ug/L	305488	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
2		2-Pentene, (E)-	70	C5H10	000646-04-8	64
3		1-Pentene	70	C5H10	000109-67-1	64
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
5		Cyclopentane	70	C5H10	000287-92-3	64



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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.79	33.9	ug/L	10166300	1	8.46	1500280	5.0
(DEL) Alkane: Str...	1.99	6.6	ug/L	1974480	1	8.46	1500280	5.0
(DEL) Alkane: Str...	2.73	0.9	ug/L	286130	1	8.46	1500280	5.0
(DEL) Alkane: Str...	3.05	0.7	ug/L	198277	1	8.46	1500280	5.0
(DEL) Alkane: Cyc...	4.49	1.0	ug/L	305488	1	8.46	1500280	5.0